

Recovery Plan Action Status

Plan Name: Recovery Plan for Insect and Plant Taxa from the Santa Cruz Mountains in California

Plan Status: Final

Plan Date: 28-Sep-98

Lead Agency: USFWS

Lead Office: Ventura Fish And Wildlife Office

(805)

644-1766)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Ben Lomond wallflower (Erysimum teretifolium), Mount Hermon June beetle (Polyphyla barbata), Zayante band-winged grasshopper (Trimerotropis infantilis), Ben Lomond spineflower (Chorizanthe pungens var. hartwegiana), Santa Cruz cypress (Cupressus abramsiana), Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	2	1.1.2	Develop HCP with County of Santa Cruz	Ongoing Not Current	FY 2000 - FY 2004		Santa Cruz County, California, U.S. Fish and Wildlife Service, California Department of Fish and Game	Management: Planning, Other: Administration, Other: Regulations	Contract, Internal Administrative, Internal Technical Assistance	

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Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	1	1.1.5.1	Secure, protect and manage dry grassland in Scotts Valley	Partially Complete	FY 2009		To be determined, Private landowners	Acquisition	Contract, Internal Administrative, Internal Technical Assistance	1. Glenwood Open Space Preserve is now owned by the City of Scotts Valley and is being jointly managed with the Land Trust of Santa Cruz County. 2. Polo Ranch is the only property with an intact ecosystem for Scotts Valley polygonum. It should be acquired and managed as a preserve for endangered plants.

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Ben Lomond wallflower (Erysimum teretifolium), Mount Hermon June beetle (Polyphyla barbata), Zayante band-winged grasshopper (Trimerotropis infantilis), Ben Lomond spineflower (Chorizanthe pungens var. hartwegiana), Santa Cruz cypress (Cupressus abramsiana), Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	3	2.1.1	Control invasion of nonnative plants	Ongoing Current	FY 1995 - FY 1999		California Department of Fish and Game, California Department of Forestry and Fire Protection, Private landowners	Management: Habitat Maintenance and Manipulation, Other: Information and Education	Contract, Internal Technical Assistance, Volunteer	

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Ben Lomond wallflower (Erysimum teretifolium), Mount Hermon June beetle (Polyphylla barbata), Zayante band-winged grasshopper (Trimerotropis infantilis), Ben Lomond spineflower (Chorizanthe pungens var. hartwegiana), Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	2	2.1.3	Reduce erosion and soil compaction	Ongoing Not Current	FY 1995 - FY 1999		California Department of Fish and Game, Private landowners	Management, Other: Information and Education, Research: Other Information	Contract, Internal Administrative, Internal Technical Assistance	

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Ben Lomond wallflower (Erysimum teretifolium), Mount Hermon June beetle (Polyphylla barbata), Zayante band-winged grasshopper (Trimerotropis infantilis), Ben Lomond spineflower (Chorizanthe pungens var. hartwegiana), Santa Cruz cypress (Cupressus abramsiana), Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	3	2.1.6	Restore selected sites	Not Started			California Department of Fish and Game, Private landowners	Management: Habitat Maintenance and Manipulation, Other: Information and Education	Graduate Student, Internal Technical Assistance, Species Expert	

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Ben Lomond wallflower (Erysimum teretifolium), Mount Hermon June beetle (Polyphylla barbata), Zayante band-winged grasshopper (Trimerotropis infantilis), Ben Lomond spineflower (Chorizanthe pungens var. hartwegiana), Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	2	3.1	Conduct research on life histories	Ongoing Current	FY 1995 - FY 1999		University of California, Santa Cruz, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research	Contract, Graduate Student, Species Expert	

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Ben Lomond wallflower (Erysimum teretifolium), Mount Hermon June beetle (Polyphylla barbata), Zayante band-winged grasshopper (Trimerotropis infantilis), Ben Lomond spineflower (Chorizanthe pungens var. hartwegiana), Ohlone tiger beetle (Cicindela ohlone), Scotts Valley Polygonum (Polygonum hickmanii), Robust (incl. Scotts Valley) spineflower (Chorizanthe robusta (incl. vars. robusta and hartwegii))	2	4	Locate additional habitat/populations	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Habitat Status, Research: Population Surveys	Contract, Graduate Student, Species Expert	

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